

PATENT ABSTRACTS OF JAPAN

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(54) TONER FOR DEVELOPING ELECTROSTATIC IMAGE

(57)Abstract:

PURPOSE: To form an image at a high speed by incorporating a non-polyolefin crystalline polymer having a specific m.p., amorphous polymer having a specific glass transition temp. and polyolefin polymer into a binder.

CONSTITUTION: The binder contains the non-polyolefin crystalline polymer having 50W120° C m.p., amorphous polymer having 50W80° C glass transition temp. and polyolefin polymer. The content ratio of the non-polyolefin crystalline polymer is preferably 0.5W50wt%, the content ratio of the amorphous polymer 50W99wt% and the content ratio of the polyolefin polymer 0.5W10wt%. The crystalline polymer is preferably a polyester resin, the polyolefin polymer is preferably PP or the PE or the modified resin thereof and has preferably 100W160° C softening point. The softening point of the amorphous polymer is preferably 100W150° C and further the crystalline polymer and the amorphous polymer are preferably non-compatible with each other.

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